

**AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows:

**LISTING OF CLAIMS:**

Claim 1. (Currently amended) A mutant of a recombinant microorganism selected from the group consisting of *Sinorhizobium meliloti* IFO 14782/pVK601, *Sinorhizobium meliloti* PY-C341-K1, and *Sinorhizobium meliloti* PY-EGC1 of the genus *Sinorhizobium* capable of producing vitamin B<sub>6</sub> having a recombinant plasmid expressing with a recombinant pyridoxol 5'-phosphate synthase polypeptide *pdxJ* gene, said plasmid being selected from the group consisting of pVK100, pRK290, pLAFRI, and RSF1010 whereby the recombinant microorganism has that acquired a phenotypic property of histidine requirement or glycine resistance, or a its combination of the phenotypic properties thereof.

Claim 2. (Cancelled).

Claim 3. (Currently amended) The mutant of a recombinant microorganism according to claim 1, wherein said a polynucleotide sequence encoding said pyridoxol 5'-phosphate synthase polypeptide is cloned into recombinant plasmid comprises vector plasmid pVK100.

Claim 4. (Cancelled).

Claim 5. (Currently amended) The mutant of a recombinant microorganism according to claim 1 which is *Sinorhizobium meliloti* PY-EGC1.

Claim 6. (Currently amended) A process for producing vitamin B<sub>6</sub> which comprises comprising cultivating the mutant microorganism according to claim 1 in a

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cultivation medium at a pH value of about 5.0 to 9.0, at a temperature of 10°C to 40°C, and for 1 day to 15 days under aerobic conditions, isolating vitamin B<sub>6</sub> from the cultivation medium.

Claim 7. (Currently amended) The process according to claim 6, wherein the mutant microorganism is *Sinorhizobium meliloti* PY-EGC1.

Claim 8. (New) The mutant of a recombinant microorganism according to claim 3, wherein a recombinant plasmid comprising the pyridoxol 5'-phosphate synthase gene is pVK601.